LaTeX Workshop

LaTeX is a document preparation system which is widely used in academics. Though it was invented for writing mathematics "beautifully" during 1985, nowadays, LaTeX is used not only to write documents in mathematics but also physics, computer science, engineering, economics, psychology, social and political sciences. LaTeX is being widely used to create research papers, presentations, publish books and large documents. Over a period, LaTeX has evolved, and now it can draw complicated molecules in organic chemistry, useful in writing complex mathematical equations, list bibliography in various ways at the stroke of a feather, handle complicated languages and scripts such as Sanskrit, Tamil and Chinese, write and edit dramas and poems. In contrast to Microsoft Word and Pages, LaTeX can handle large documents very easily. In India, mathematicians and physicists have been using LaTeX for a long time. Click here to visit the Wiki page of LaTeX.

In this extensive workshop, we wish to introduce and teach LaTeX to non-math and non-physics people also. Starting from the ABC of the programme, we shall introduce the advance techniques. Staying loyal to the birth-purpose of LaTeX, we shall discuss important techniques for LaTeX mathematics. LaTeX for Indian languages is another area which is not popular in India itself; we shall teach LaTeX for India languages also. We shall have three hours of lecturing and two hours of practicing sessions, every day.

Venue: BPRIM	Duration: 14th - 18th May 2018

Organiser: Dr.Rohit Dilip Holkar

Coordinators:
- Chhaya Lande, (RMD,Singhgad School of Engineering,Pune.)
- Girish Kulkarni (IISER, Pune),
- Prajakta Holkar,
- Rishikesh Autade (College of Agricultural Biotechnology, Loni-Pravara),
- Sonali Walunj (MES, College of Eng. Wadia, Pune).

Invited Speakers:
1. Dr. V.V.ACharya (Fergusson College, Pune),
2. Mr. Sushant Deolekar (Rajya Marathi Vikas Sanstha, Mumbai),
3. Chetan Shirore (K.T.H.M. College, Nasik).
4. Smita Kandekar (Dpt. of Math., Uni. of Pune),
5. Siddharth Bhaleravo, (S. P. College, Pune),
6. Hrishikesh Khaladkar, (Fergusson College, Pune).

Speakers:
1. Rohit D. Holkar,
2. Chetan Shirore,
3. Girish Kulkarni,
4. Chhaya Lande,
5. Sonali Walunj,
6. Rishikesh Autade.

Tutors:
1. Prajakta Holkar,
2. Anagha Mandavkar, (Ruparel College, Mumbai).

3. Manish Bawkar, (University of Mumbai).

Aims of the Workshop:

- Installation and basic handling of the software;
- Teach the basics of LaTeX;
- Introduce advanced techniques for writing mathematics;
- Introduce advanced techniques for editing and formatting documents, preparing large documents such as books and memoirs;
- Use of LaTeX in daily academic and official work;
- Teach how to do presentations using LaTeX (Beamers);
- XeLaTeX for Indian scripts and languages; we shall try to discuss LaTeX for Indian languages in detail;
- depending on the number of interested participants, we shall discuss the package "chemfig" for chemistry, writing drama and poems, and other requests from the participants.

Who can apply?

- Any interested candidates may also apply. UG/PG students, teachers, or academicinas shall be given preference.
- We encourage professionals from printing and typography industry who will get a special preference.
- The participants will get a certificate of participation by Bhaskaracharya Pratisthan, Pune. (90% attendance mandatory for getting certificates.)
- At most 30 participants shall be selected.
- We have a participation fee. We can arrange accommodation, however, the participant has to pay for it. The cost is not more that Rs 200/day. Participants do not have to pay for food and snacks.

Participation fee:

- Rs. 3000/- to be paid after getting selected; payment details will be sent along with the selection email..
- Accommodation charges extra (not more than 200/per night).
- Student who cannot afford the participation fee may write Rohit Dilip Holkar (rohit [dot] d [dot] holkar [at] gmail [dot] com). Such special cases shall be considered.

Last date of registration :	Registration:
- 27 April, 2018.	- For registration visit the site: https://sites.google.com/site/texbpp/home

Contact:

Write your queries on **latex.maha@gmail.com**

Miscellaneous:

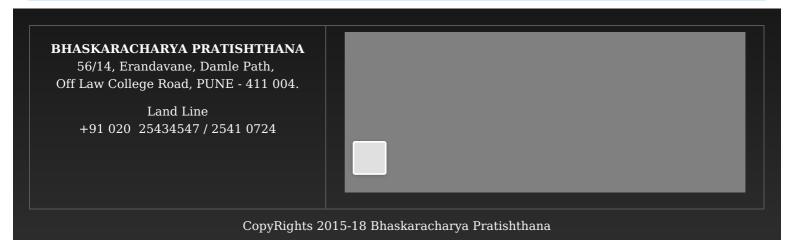We strongly recommend that you use your computer. We shall set-up the system for you on the first day.

If you wish to set up the system yourselves, which will save our time, then you need to install:

1. "Complete LaTeX" and a good LaTeX editor. Often, on all computer systems, LaTeX comes as "Basic" or "Complete" or "Full". We recommend to install "Complete LaTeX" or "Full LaTeX".
   - Window users click here to see how to install complete LaTeX.
   - Mac users click here to get full LaTeX for OSX called MacTeX.
   - Linux users install full LaTeX called TeXLive and the editor TeXmaker using this link.
   - Click here to download the editor TeXworks for Windows and Linux MacTeX complete comes with TeXworks
2. A Unicode font for the Indian language you wish to work with: for Devanagari, one of the following fonts are advised - Yashomudra, Yashovenu, (Ek) Mukta, Sanskrit 2003 or its recent 2016 version.
3. The font Shivaji is NOT a unicode font and must NOT be used. Avoid using font Mangal.
4. A good keyboard layout for the Indian language you wish to work with: preferably InScript keyboard layout. InScript is called "Indian keyboard" on Linux systems and "Devanagari" on Mac. Please avoid transliterating

softwares such as Google transliterator.

Other Links

- Articles/Notes
- The Regional Mathematical Olympiad Website
- ROTARY GANIT OLYMPIAD
- Donations
- IMO Awardees
- Library
- Library: MathScinet
- Publications
- Useful links
- Old Site

BHASKARACHARYA PRATISHTHANA
56/14, Erandavane, Damle Path,
Off Law College Road, PUNE - 411 004.

Land Line
+91 020 25434547 / 2541 0724

Powered by Drupal